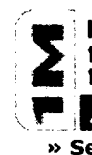


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Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000

Pages:2984 - 2986

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) **IEEE JNL**
2 Reconstructing specimens using DIC microscope images*Kagalwala, F.; Kanade, T.;*

Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 33 , Issue: 5 , Oct. 2003

Pages:728 - 737

[\[Abstract\]](#) [\[PDF Full-Text \(2540 KB\)\]](#) **IEEE JNL**
3 Reconstructing specimens using DIC microscope images*Kagalwala, F.; Kanade, T.;*

Bio-Informatics and Biomedical Engineering, 2000. Proceedings. IEEE International Symposium on , 8-10 Nov. 2000

Pages:307 - 315

[\[Abstract\]](#) [\[PDF Full-Text \(836 KB\)\]](#) **IEEE CNF**
4 A simulation model for cathodoluminescence in the scanning electron microscope*Phang, J.C.H.; Pey, K.L.; Chang, D.S.H.;*

Electron Devices, IEEE Transactions on , Volume: 39 , Issue: 4 , April 1992

Pages:782 - 791

[\[Abstract\]](#) [\[PDF Full-Text \(824 KB\)\]](#) **IEEE JNL**

5 Shape description of biological objects via stereo light microscopy*Kim, N.H.; Bovik, A.C.; Aggarwal, S.J.;*

Systems, Man and Cybernetics, IEEE Transactions on , Volume: 20 , Issue: 2 , March-April 1990

Pages:475 - 489

[\[Abstract\]](#) [\[PDF Full-Text \(1476 KB\)\]](#) **IEEE JNL**

6 NDT of tilted and wedge-type subsurface defects by photoacoustic microscopic imaging*Endoh, H.; Miyamoto, K.; Hiwatashi, Y.; Hoshimiya, T.;*

Ultrasonics, 2003 IEEE Symposium on , Volume: 2 , 5-8 Oct. 2003

Pages:2057 - 2060 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

7 Complex electron wave reconstruction using parameter estimation*Van Den Bos, A.;*

Instrumentation and Measurement Technology Conference, 1996. IMTC-96. Conference Proceedings. 'Quality Measurements: The Indispensable Bridge between Theory and Reality'. , IEEE , Volume: 1 , 1996

Pages:575 - 580 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE CNF**

8 Image formation model of a 3D translucent object observed in light microscopy*Dey, N.; Boucher, A.; Thonnat, M.;*

Image Processing. 2002. Proceedings. 2002 International Conference on , Vo 2 , 22-25 Sept. 2002

Pages:II-469 - II-472 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(445 KB\)\]](#) **IEEE CNF**

9 High-resolution imaging of living biological specimens*Murakami, M.; Tsuboi, T.; Kawata, Y.; Terakawa, S.; Egami, C.; Sugihara, O. Okamoto, N.; Tsuchimori, M.; Watanabe, O.;*

Lasers and Electro-Optics, 2001. CLEO/Pacific Rim 2001. The 4th Pacific Rim Conference on , Volume: 1 , 15-19 July 2001

Pages:I-184 - I-185 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) **IEEE CNF**

10 Moisture-induced interfacial delamination growth in plastic IC pack during solder reflow*Tay, A.A.O.; Lin, T.Y.;*

Electronic Components and Technology Conference, 1998. 48th IEEE , 25-28 1998

Pages:371 - 378

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) **IEEE CNF**

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	Title	Current OR	Current XRef	Retrieval Classif
1	Method and device for holding optical member, optical device, exposure apparatus, and device manufacturing method	359/811	353/100; 359/819; 362/455; 396/526	
2	Electrospray apparatus for mass fabrication of chips and libraries	435/6	422/100; 422/50; 422/68.1; 435/174; 435/283.1; 435/287.2; 435/288.3; 435/7.1	
3	Database system for predictive cellular bioinformatics	435/4	422/50; 435/287.1	
4	Database system for predictive cellular bioinformatics	702/19	435/6; 707/3; 707/4; 707/6	
5	Methods for rapidly identifying useful chemicals in liquid sample	422/63	198/347.2; 198/348; 414/277; 422/104; 422/65	
6	Endoscope	600/178	600/160; 600/168; 600/473	
7	Systems and methods for rapidly identifying useful chemicals in liquid samples	700/218	422/65; 422/67; 436/47; 436/48; 700/213	
8	Photomask producing method and apparatus and device manufacturing method	430/5	430/22; 430/30; 430/394; 430/396	
9	Fluorescence digital imaging microscopy system	382/128	435/29; 435/40.5; 435/6	
10	Laser scanning cytology with digital image capture	435/6	345/418; 382/133; 382/134; 435/325	
11	System, method, and product for pixel clocking in scanning of biological materials	356/318	250/458.1; 422/82.08; 436/172	

	Title	Current OR	Current XRef	Retrieval Classif
12	System, method, and product for symmetrical filtering in scanning of biological materials	356/318	422/82.08; 436/172	
13	Database system for predictive cellular bioinformatics	702/19	318/640; 382/128; 435/6; 707/3	
14	Database system for predictive cellular bioinformatics	702/19	382/133; 435/6	
15	Exposure method and apparatus	356/400	356/399	
16	Electron beam apparatus and method of manufacturing semiconductor device using the apparatus	438/14	250/310; 250/492.3	
17	Ink jet printing apparatus and ink jet printing method	347/16	347/19	
18	Neuronal phase-locked loops	706/15	711/200	
19	Automated detection of objects in a biological sample	382/128	382/134; 382/274	
20	Endoscope having microscopic and macroscopic magnification	600/168	600/178	
21	System, method, and product for dynamic noise reduction in scanning of biological materials	702/27	356/622; 702/28	
22	Systems and methods for rapidly identifying useful chemicals in liquid samples	436/48	198/346.1; 414/277; 414/281; 422/100; 422/63; 422/65; 422/67; 436/164; 436/43; 436/47	
23	Systems and methods for rapidly identifying useful chemicals in liquid samples	436/43	422/100; 422/63; 422/65; 422/67; 422/82.05; 436/164; 436/180; 436/47; 436/48; 702/22	

	Title	Current OR	Current XRef	Retrieval Classif
24	Fluorescence digital imaging microscopy system	382/128	435/29; 435/40.5; 436/172	
25	System and method for registering motion picture film	352/160	352/162; 352/221; 352/229; 352/92	
26	Chemical synthesis using solvent microdroplets	422/134	422/111; 422/129.1; 422/131; 422/136; 422/149; 427/2.11	
27	Solvent for biopolymer synthesis, solvent microdroplets and methods of use	536/25.3	347/1; 347/107; 347/40; 347/7; 347/85; 422/129; 422/131; 536/23.1; 536/24.3	
28	Electrospraying for mass fabrication of chips and libraries	435/283.1	205/158; 422/50; 422/68.1; 427/2.13; 435/287.2; 435/6	
29	Vascularized perfused microtissue/micro-organ arrays	435/288.4	435/288.7; 435/297.5; 435/305.2; 435/33; 435/373; 435/395	
30	Plasmon resonant particles, methods and apparatus	436/518	356/301; 356/307; 356/317; 356/318; 356/337; 436/164; 436/171; 436/524; 436/525; 436/805	
31	Contactless system for detecting subtle surface potential charge patterns	324/452	324/456; 324/457; 399/73	
32	Analytical imaging system and process	382/133	250/461.2; 356/435; 382/284	

	Title	Current OR	Current XRef	Retrieval Classif
33	Method and apparatus for testing a progression of neoplasia including cancer chemoprevention testing	382/133	382/284; 382/308; 424/573; 435/1.1	
34	Systems and methods for rapidly identifying useful chemicals in liquid samples	422/65	422/63; 422/66; 422/67; 700/112; 700/214	
35	Dimeric fluorescent energy transfer dyes comprising asymmetric cyanine azole-indolenine chromophores	536/26.6	536/22.1	
36	Solid phase enzyme kinetics screening in microcolonies	435/19	422/50; 435/14; 435/15; 435/23; 435/24; 435/25; 435/283.1; 435/4; 435/808; 435/968	
37	System for automated analysis of 3D fiber orientation in short fiber composites	382/141	345/424; 382/154; 382/173; 382/190; 382/259; 382/288; 382/291	
38	Method and means of least squares designed filters for image segmentation in scanning cytometry	382/133	382/173; 382/205; 382/265	
39	Dimeric fluorescent energy transfer dyes comprising asymmetric cyanine azole-indolenine chromophores	536/22.1	435/6	
40	Constant-force profilometer with stylus-stabilizing sensor assembly, dual-view optics, and temperature drift compensation	73/105	33/551; 33/558; 33/558.4	
41	Exposure method and apparatus	430/30	430/22	
42	Image input device having optical deflection elements for capturing multiple sub-images	348/218.1	348/335; 382/284	
43	Modified Faraday cup	324/71.3	250/397	

	Title	Current OR	Current XRef	Retrieval Classif
44	System for tomographic determination of the power distribution in electron beams	250/397	324/71.3	
45	Exposure method and apparatus	355/53	250/201.4; 250/559.29; 355/43; 356/400	
46	System for tomographic determination of the power distribution in electron beams	324/71.3	250/396ML; 250/397	
47	Sensitive light detection system	356/417	250/461.2	
48	Two excitation wavelength video imaging microscope	250/461.1	250/372; 250/461.2	
49	Method and apparatus for utilizing an electro-optic detector in a microtomography system	378/4	378/19; 378/901	
50	Massively parellel real-time network architectures for robots capable of self-calibrating their operating parameters through associative learning	700/259	706/904	
51	Apparatus for three dimensional tomography utilizing an electro-optic x-ray detector	378/19	378/4; 378/901	
52	Method and apparatus for measuring mean cell volume of red blood cells	382/134	356/39; 382/206	
53	Method and apparatus for automated classification and analysis of cells	382/133	382/162	
54	Automated method and apparatus for classification of cells with application to the diagnosis of anemia	382/134	356/39; 377/10; 382/197; 382/255	
55	Method and apparatus for automated classification and analysis of cells	382/134	250/461.2; 356/39; 356/51; 382/164	

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